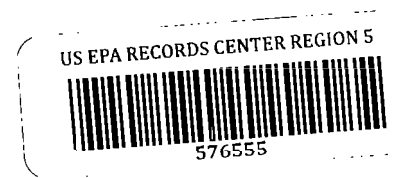


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Via Electronic and First-Class Mail

June 11, 2019

Ms. Shari Lynn Kolak
Remedial Project Manager
Superfund Division
U.S. Environmental Protection Agency, Region 5
77 West Jackson Boulevard, SRF-5J
Chicago, IL 60604-3507

**Re: Sixth Annual Progress Report, June 2018 through May 2019
Operable Unit 2 Remedial Investigation and Feasibility Study
Lake Calumet Cluster Site, Chicago, Illinois**

Dear Ms. Kolak:

The Respondents submit this annual progress report to the U.S. Environmental Protection Agency (USEPA), Region 5, pursuant to Section 8.2 of the Statement of Work attached to the Administrative Settlement Agreement and Order on Consent (AOC) for the Operable Unit 2 (OU2) Remedial Investigation and Feasibility Study (RI/FS) at the Lake Calumet Cluster Site in Chicago, Illinois (the Site). The effective date of the AOC was June 17, 2013, and this sixth annual progress report summarizes efforts by the Respondents to fulfill the requirements of the AOC during the period from June 2018 through May 2019.

Activities Completed During the Reporting Period

1. The Respondents routinely submitted monthly progress reports to USEPA with copies to the Illinois Environmental Protection Agency (IEPA).
2. On June 8, 2018, the Respondents submitted the June 2017 through May 2018 annual progress report to USEPA with copies to IEPA.
3. On June 13 and July 10, 2018, representatives of the Respondents met by conference call with USEPA and IEPA to discuss the comments received May 17, 2018 on the *OU2 Groundwater Assessment Technical Memorandum* prepared by Arcadis U.S., Inc. (Arcadis) dated July 24, 2017.

4. On August 31, 2018, in response to issues raised in the review of the *OU2 Groundwater Assessment Technical Memorandum*, the Respondents submitted to USEPA and IEPA the *Surface Water Sampling Work Plan, Indian Ridge Marsh* prepared by Arcadis. Surface water sampling in Indian Ridge Marsh is designed to assess the potential impacts to the marsh from constituents in groundwater emanating from the Site.
5. On October 31, 2018, in response to issues raised in the review of the *OU2 Groundwater Assessment Technical Memorandum*, the Respondents submitted to USEPA and IEPA the *Review and Assessment of Geologic Data on the Clay Confining Layer and Other Relevant Information at the Lake Calumet Cluster Site in Chicago, Illinois* prepared by Arcadis. This technical memorandum compiles geologic information on the silty clay unit at the Site that acts as a barrier to groundwater flow from the shallow waste fill to the bedrock aquifer. The memorandum also presents information on the nearby Chicago Tunnel and Reservoir Plan (TARP) tunnel and the effects of this tunnel on the hydraulics and chemistry of the bedrock aquifer.
6. On February 5, 2019, the Respondents submitted to USEPA a copy of the Arcadis 2019 insurance certificate showing coverages in compliance with Section XXV, Paragraph 100 of the AOC.
7. On April 8, 2019, the Respondents received USEPA comments on the *Surface Water Sampling Work Plan, Indian Ridge Marsh* (Arcadis, July 31, 2018).
8. On April 11, 2019, the Respondents received USEPA comments on the *Review and Assessment of Geologic Data on the Clay Confining Layer and Other Relevant Information at the Lake Calumet Cluster Site in Chicago, Illinois* (Arcadis, October 31, 2018).

Progress and Schedule Report

1. On behalf of the Respondents, Arcadis has completed the three phases of RI Site characterization studies, including four rounds of quarterly groundwater sampling, as defined in the RI/FS Work Plan, as well as ancillary Site investigation activities (e.g., seep inspection, light non-aqueous phase liquid [LNAPL] sampling).
2. The schedule date for completing the RI was extended to accommodate four rounds of quarterly groundwater sampling rather than the one round envisioned in the schedule submitted with the RI/FS Work Plan. The schedule was further extended to address the USEPA comments on the July 2017 *OU2 Groundwater Assessment Technical Memorandum* and will be further extended to address the USEPA comments on the *Surface Water Sampling Work Plan, Indian Ridge Marsh* and on the *Review and Assessment of Geologic Data on the Clay Confining Layer and Other Relevant Information at the Lake Calumet Cluster Site in Chicago, Illinois*.

3. The Respondents have requested a meeting with USEPA to discuss and resolve the USEPA comments on the *Surface Water Sampling Work Plan, Indian Ridge Marsh* (received April 8, 2019) and the *Review and Assessment of Geologic Data on the Clay Confining Layer and Other Relevant Information at the Lake Calumet Cluster Site in Chicago, Illinois* (received April 11, 2019).

* * * *

We trust that this submittal satisfies your requirements at this time. If you have questions regarding this progress report or related project matters, please do not hesitate to contact me.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Leo M. Brausch', with a long horizontal flourish extending to the right.

Leo M. Brausch
Project Coordinator

LMB:

cc (via email):

S. M. Franzetti, Esq.
J. Kratzmeyer, Arcadis
N. Wilson, IEPA (plus two hard copies)
LCCS Technical Committee